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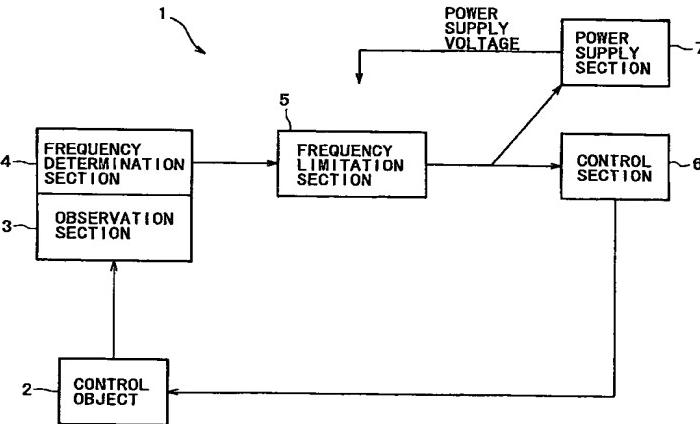
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*[Continued on next page]*

## (54) Title: FREQUENCY CONTROL APPARATUS, INFORMATION PROCESSING APPARATUS AND PROGRAM



(57) Abstract: A frequency control apparatus and an information processing apparatus are disclosed wherein it is possible, in control of an operation frequency of a control object performed in response to a result of observation of an operation state of the control object, to limit the operation frequency or designate an allowable value or the like to achieve improvement in performance and power-saving. The frequency control apparatus (1) includes an observation section (3) for observing an operation state of a control object (2) which operates with a variably controlled frequency, a frequency determination section (4) for determining a clock frequency in response to the operation state, and a frequency limitation section (5) for limiting a range or a value of the clock frequency determined by the frequency determination section (4). If the frequency determined in response to the operation state of the control object (2) is within an allowable range, the control is performed with the frequency, but if the frequency is outside the allowable range, the frequency is limited to the range.

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